

Converting Colors

CIELCh(56, 37.698, 3.638)

Have a look what the booklet for
CIELCh(56, 37.698, 3.638) contains.

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Color

CIELCh(56, 37.738, 3.679)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C36B83 |
| RGB | 195, 107, 131 |
| RGB Percent | 76%, 42%, 51% |
| CMY | 0.2335, 0.5788, 0.4847 |
| CMYK | 0.00, 0.45, 0.33, 0.23 |
| HSL | 344°, 43%, 59% |
| HSV | 344°, 45%, 77% |
| XYZ | 32.0468, 23.9124, 24.5424 |
| YIQ | 136.0480, 44.7440, 26.1200 |

Conversions

Conversions Part 2

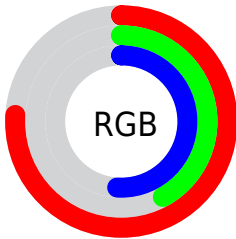
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 195, 107, 131 |
| Decimal | 12807043 |
| CIE _{Lab} | 56.00, 37.66, 2.42 |
| CIE _{LCh} | 56, 37.738, 3.679 |
| Yxy | 23.9124, 0.3981, 0.2970 |
| Android (android.graphics.Color) | 4290997123 (0xFFC36B83) |
| YUV | 136.0480, -2.4887, 51.7009 |
| Hunter-Lab | 48.9003, 31.4044, 4.4734 |

Details

The CIELCh color **56, 37.738, 3.679** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 32.488, 173.221**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 37.947, 3.629**, and **36, 38.031, 3.461** is the 20% darker color. If you saturate the color by 10%, you get **52, 46.132, 5.800**, and if you desaturate by 10%, it is **61, 29.092, 1.966**.

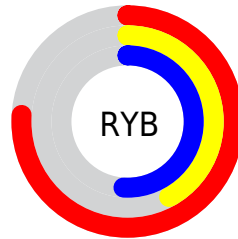
Distribution



Red (76%)

Green (42%)

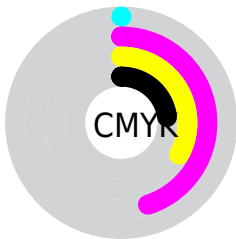
Blue (51%)



Red (76%)

Yellow (42%)

Blue (51%)

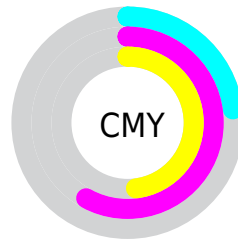


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 37.738, 3.679 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 37.738, 3.679 by changing the saturation by 10% instead.

 56, 37.738, 3.679  56, 37.738, 3.679

 100, 37.738, 3.679  46, 37.738, 3.679

 76, 37.738, 3.679  36, 37.738, 3.679


 86, 37.738, 3.679  26, 37.738, 3.679


 96, 37.738, 3.679  16, 37.738, 3.679

 6, 37.738, 3.679

 0, 37.738, 3.679

 56, 37.738, 3.679  56, 37.738, 3.679

 52, 46.132, 5.800  61, 29.092, 1.966

 48, 53.931, 8.461  66, 20.474, 0.547

45, 60.763, 11.829

71, 12.061,
359.341

43, 66.383, 16.055

76, 3.958, 358.239

42, 70.829, 21.167

82, 3.788, 177.597

41, 72.911, 23.796

87, 11.166,
176.728

93, 18.184,
176.010

96, 20.599,
183.881

96, 19.478,
198.220

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 37.738, 3.679



73, 32.488, 173.221

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 37.738, 3.679



56, 37.738, 53.679



56, 37.738, 183.679



56, 37.738, 233.679

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 37.735, 3.681



91, 13.905, 359.249



55, 54.181, 318.149



47, 9.644, 359.496



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 37.735, 3.681



67, 56.169, 5.756



60, 32.585, 41.135



38, 4.459, 358.718



33, 62.694, 22.884



3, 14.513, 4.869

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 37.735, 3.681



67, 56.169, 5.756



68, 23.499, 224.671



38, 4.459, 358.718



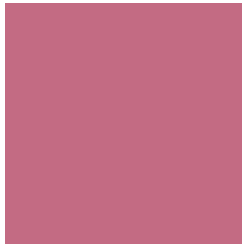
33, 62.694, 22.884



3, 14.513, 4.869

Previews

White Background



This preview shows how the CIELCh color 56, 37.738, 3.679 looks on a white background.

Color Contrast Check

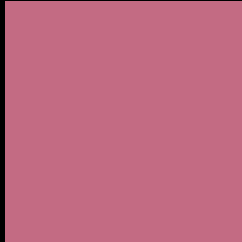
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 56, 37.738, 3.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 37.738, 3.679

Background



This preview shows how black text looks on a background with the CIELCh color 56, 37.738, 3.679.



This preview shows how white text looks on a background with the CIELCh color 56, 37.738, 3.679.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56, 37.738, 3.679

Protanopia

56, 7.442, 291.064

Deuteranopia

56, 8.236, 28.120



Tritanopia
56, 35.612, 16.731

Trichromacy



Original Color
56, 37.738, 3.679

Protanomaly
55, 15.930, 343.697

Deuteranomaly
56, 18.857, 9.478

Tritanomaly
56, 36.367, 11.754

Monochromacy



Original Color
56, 37.738, 3.679

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.672, 1.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 37.738, 3.679 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 107, 131)` looks like.

```
.text, #text, p{  
    color:rgb(195, 107, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 107, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 107, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 37.738, 3.679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 107, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 107, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 107, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 107, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 107, 131);  
box-shadow:4px 4px 4px 4px rgb(195, 107,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 37.738, 3.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 107, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
107, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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